

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number  
**WO 2005/022475 A2**

(51) International Patent Classification<sup>7</sup>:

**G08B**

(81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/CA2004/001541

(22) International Filing Date: 30 August 2004 (30.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2,438,939

28 August 2003 (28.08.2003) CA

(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant and

(72) Inventor: **GIN, Jack** [—/CA]; 3021 Underhill Ave., Burnaby, British Columbia V5A 3C2 (CA).

(72) Inventor: **HSU, Dan**; 3021, Underhill Ave., Burnaby, British Columbia, V5A 3C2 (CA).

(74) Agent: **GORNALL, Paul, D.**; Reg'd Patent & TM Agent, 1820 - 355 Burrard Street, Vancouver, British Columbia V6C 2G8 (CA).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/022475 A2

(54) Title: DUAL SURVEILLANCE CAMERA SYSTEM

(57) **Abstract:** A surveillance system having two specialized surveillance cameras with corresponding specialized illuminators is provided in a dual compartment container that eliminates internal light reflection problems by separating each camera and corresponding illuminator while combining each camera with an alternate illuminator, rendering the system more accurate, yet more compact and suited to unobtrusive placement. Considerable heat is generated by the specialized illuminators, requiring a heat sink to preserve illuminator life expectancy and to prevent the adjacent cameras from being adversely affected by the heat. Another feature enabling the system to work in its compact form despite the heat from the illuminators is that the protective case itself is adapted to be a heat sink for the illuminators.